

**Proceedings of the
FIRST WORKSHOP ON SCIENTIFIC RESULTS OF
FORV SAGAR SAMPADA**

5-7 June, 1989, Cochin

Sponsored by

**DEPARTMENT OF OCEAN DEVELOPMENT
&
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
NEW DELHI**

Organized by

**CENTRAL MARINE FISHERIES RESEARCH INSTITUTE
&
CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY
COCHIN**

OCTOBER, 1990

Published by

Dr. P.S.B.R. JAMES

DIRECTOR

Central Marine Fisheries Research Institute

COCHIN - 682 031

Edited by

Dr. K.J. MATHEW

Central Marine Fisheries Research Institute

COCHIN - 682 031

A CHECK LIST OF FISHES OF THE EXCLUSIVE ECONOMIC ZONE OF INDIA COLLECTED DURING THE RESEARCH CRUISES OF FORV SAGAR SAMPADA

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ABSTRACT

A knowledge on the fish fauna of the Exclusive Economic Zone of India is essential to study the distribution, zoogeography and biological aspects of the fish resources. The present check list of fishes is based on the pelagic and bottom trawl collections of FORV *Sagar Sampada* during her cruises 1-30, in the EEZ along both the east and west coasts of India during the years 1985-87. This list is arranged alphabetically by families and genera. The list consists of 87 families and 242 species, including both conventional and nonconventional fish fauna of the Indian EEZ. The depth-wise distribution of the species in the latitude zones are also given.

INTRODUCTION

The knowledge of the fish fauna of the EEZ of India is currently either lacking or whatever information available are improperly documented. Systematic, zoogeographical and vital biological studies of the conventional and nonconventional commercially important ichthyofauna of our waters are needed to assess the stock potential and exploitation. Such information, especially on nonconventional resources of the epipelagic, mesopelagic, bathypelagic and benthic fishes of outer shelf and beyond are highly essential in the present context of stagnating coastal fishery. Therefore, it is attempted to bring out a check list of all fishes collected from the EEZ of India by FORV *Sagar Sampada* in her cruises 1-30, as a preliminary requirement for the above mentioned studies.

Myers (1941) stated "by far the richest of the 4 tropical shore fish fauna in the Indo-Pacific, and it contains practically all the families and a considerable number of the genera that make up the fauna of the other 3, in addition to many families and genera not found elsewhere.....". Cohen (1973) reported that Indian Ocean may contain 3,000 to 4,000 species of tropical shore fishes. Though the coastal fish fauna

were well studied for taxonomic, distributional and biological purposes, the deeper oceanic fish fauna were not attempted earlier. After the declaration of the EEZ, now it becomes imperative to have a thorough knowledge on the geographical, seasonal and bathymetric distribution of fishes of our waters.

MATERIAL AND METHODS

The samples for this investigation were collected from FORV *Sagar Sampada* during her cruises 1-30 from February, 1985 to June, 1987 covering 499 trawling operations. Immediately after the hauling of the net the ichthyofauna were sorted out and preserved for later identification and analysis. The gears used for the collection were Expo model pelagic trawl, High lift bottom trawl, Equal pannel midwater trawl, 400 mesh Chalut bottom trawl, Large granton bobbin trawl and German type rectangular pelagic trawl.

The list is arranged alphabetically by family and genera. The scientific and common names of fishes have been mostly followed after Fischer and Bianchi (1984) and Smith and Heemstra (1986). The details of the depth of occurrence, depth of fishing, position and the gear are also included.

RESULTS

ACANTHURIDAE

- Acanthurus bleekeri* Gunther, 1861 Bleeker's surgeon fish
 Depth : 40 m ; Gear : Bottom trawl ; Location : Bay of Bengal 11°39'N 79°54'E.
- Acanthurus nigricauda* Duncker & Mohr, 1929 Epauvette surgeon fish
 Depth : 33 m ; Gear : Bottom trawl ; Location: Bay of Bengal.
- Acanthurus* sp.
 Depth : 285 - 1016 m; Gear : Pelagic trawl ; Fishing depth : 20 - 420 m; Location : Andaman Sea 07°01' - 10°30'N 92°00' - 93°36'E.
- Naso hexacanthus* (Bleeker, 1855) Sleek unicorn fish
 Depth : 75 m ; Gear : Bottom trawl ; Location : Andaman Sea 13°43'N 93°16'E.

ACROPOMATIDAE

- Acropoma japonicum* Gunther, 1859 Glow-belly
 Depth : 140 m; Gear : Bottom trawl ; Location : Arabian Sea 11°29'N 74°30'E.
- Howella sherboni* (Norman, 1930) Glow-belly
 Depth : 3458 m ; Fishing depth : 20-420 m; Gear : Pelagic trawl ; Location : Andaman Sea 09°00'N 89°00' E
- Synagrops* sp.
 Depth : 729 m; Fishing depth : 20m ; Gear : Pelagic trawl ; Location : Bay of Bengal 20°00' N 87° 50' E.

ANTENNARIIDAE

- Antennarius* sp.
 Depth : 2410 m; Fishing depth : 20 - 420 m; Gear : Pelagic trawl ; Location : Andaman Sea 07°30'N 75°30'E.

APOGONIDAE

- Cheilodipterus quinquelineatus* Cuvier, 1828 Sharptooth cardinal
 Depth : 235 - 390 m ; Gear : Bottom trawl ; Location : Arabian Sea 14°28' - 15°28' N 72°49' - 73°10'E.

ARIOMMIDAE

- Ariomma indica* (Day, 1870) Indian ariomma
 Depth : 52 - 3443 m; Fishing depth : 39 - 80 m (Pelagic trawl) , 57 - 200 m (Bottom trawl);
 Gear : Bottom trawl and Pelagic trawl ; Location : Arabian Sea and Bay of Bengal 07°15' - 20°40' N 68° 30' - 88°15'E.

ASTRONESTHIDAE

- Astronesthes* sp.
 Depth : 2985-3825 m; Fishing depth : 20-50 m; Gear : Pelagic trawl; Location : Bay of Bengal 07°00' - 13°30'N 83°00' - 91°00' E.
- Borostomias antarcticus* (Lonnberg, 1905) Snaggleteeth
 Depth: 3126-339 m; Fishing depth : 15-200 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean and Arabian sea 05°00' - 17°00' N 69°00' - 77°00' E.

BALISTIDAE

Balistes vetula Linnaeus, 1758 Queen trigger fish

Depth: 52 m; Gear: Bottom trawl; Location : Bay of Bengal 19°40' N 88°15' E.

Odonus niger (Ruppell, 1840) Red-toothed trigger fish

Depth: 33-57 m; Gear : Bottom trawl; Location : Bay of Bengal 07°47' N 77°14' E.

Pseudobalistes fuscus (Bloch & Schneider, 1801) Rippled trigger fish

Depth: 64 m; Gear: Bottom trawl; Location: Andaman Sea 13°30' N 92°45' E.

Pseudobalistes sp.

Depth: 45 m; Gear: Bottom trawl; Location: Andaman Sea 11°27' N 92°30' E.

BOTHIDAE

Bothus sp.

Depth: 1016-3917 m; Fishing depth: 40-420 m; Gear: Pelagic trawl; Location: Arabian Sea and Andaman Sea 09°00' - 12°00' N 70°00' - 92°00' E.

BRAMIDAE

Brama dussumieri Cuvier, 1831 Lesser bream

Depth: 1990-3825 m; Gear: Pelagic trawl; Fishing depth: 40 m; Location: Arabian Sea and Bay of Bengal 14°00' N-72°30' E and 07°00' -13°30' N 83°00'-90°00' E.

Brama myersi Mead, 1972 Ocean bream

Depth: 1097 m; Gear: Pelagic trawl; Fishing depth: 20 m; Location: Lakshadweep Sea 10° 47' N-73° 45' E.

Brama orcini Cuvier, 1831 Tropical pomfret

Depth: 1875-2835 m; Gear: Pelagic trawl; Fishing depth: 25-100 m; Location: Arabian Sea 05°00' -11°00' N 71°00' -77° 30' E.

BREGMACEROTIDAE

Bregmaceros maclellandi Thompson, 1840 Spotted codlet

Depth: 103-3791 m; Gear: Pelagic trawl; Fishing depth: 20-50 m; Location: Arabian Sea 15°00'-17°00' N 69°00'-73°00' E.

Bregmaceros sp.

Depth: 2574 m; Fishing depth: 60-130 m; Gear: Pelagic trawl; Location : Bay of Bengal and Andaman Sea 17°30' N 84°40' E.

CAPROIDAE

Antigonia rubescens (Gunther, 1860) Indo-Pacific boarfish

Depth: 67 m; Gear: Bottom trawl; Location : Arabian Sea 08°42' N 76°11' E.

CARANGIDAE

Alectis sp.

Depth: 56 m; Gear: Bottom trawl; Location : Andaman Sea 14°14' N 93°26' E.

Atule mate (Cuvier, 1833) Yellowtail scad

Depth: 60 m; Gear : Bottom trawl; Location : Bay of Bengal 14°13' N 80°24' E.

- Carangoides armatus* (Ruppell, 1830) Longfin trevally
Depth: 38 m; Gear: Bottom trawl; Location: Andaman Sea 14°14' N 93° 26' E.
- Carangoides ferdau* (Forsskal, 1775) Blue trevally
Depth: 42 m; Gear: Bottom trawl; Location : Arabian Sea 07°51' N 77°56' E.
- Carangoides malabaricus* (Bloch & Schneider, 1801) Malabar trevally
Depth: 60-102 m; Gear: Bottom trawl; Location : Bay of Bengal and Andaman Sea 13°30'-15°24' N 73°06'- 92°45' E.
- Carangoides oblongus* (Cuvier, 1833) Coachwhip trevally
Depth: 38 m; Gear: Bottom trawl; Location : Andaman Sea 14° 14' N 93°26' E.
- Caranx melampygus* Cuvier, 1833 Bluefin trevally
Depth: 100 m; Gear: Bottom trawl; Location : Arabian Sea 15°24' N 73°06' E.
- Caranx para* Cuvier, 1833 Banded scad
Depth: 144 m; Gear : Bottom trawl; Location : Andaman Sea 12°30' N 91°30' E.
- Decapterus macrosoma* Bleeker, 1851 Shortfin scad
Depth : 57-71 m; Gear : Bottom trawl; Location : Arabian Sea and Bay of Bengal 19°30' N 87°50' E and 07°47' N 77°14' E.
- Decapterus russelli* (Ruppell, 1830) Indian scad
Depth: 62-88 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 11°28'-18°30' N 74°34'-80°23' E and 19°30' N 87°50'-88°50' E.
- Decapterus* sp.
Depth: 51-160 m; Gear: Bottom trawl; Location : Arabian Sea , Bay of Bengal and Andaman Sea 08°29'-09°30' N 75°51'-76°24' E; 18°31' N 84°46' E and 06°40' N 93°51' E.
- Megalaspis cordyla* (Linnaeus, 1758) Torpedo scad
Depth: 115 m; Gear : Bottom trawl; Location : Bay of Bengal 20°25' N 85°15' E.
- Parastromateus niger* (Bloch, 1795) Black pomfret
Depth: 115 m; Gear: Bottom trawl; Location : Bay of Bengal 17°30' N 83°38' E.
- Selar crumenophthalmus* (Bloch, 1793) Big eye scad
Depth: 40 m; Gear: Bottom trawl; Location : Bay of Bengal 11°39' N 79°54' E.
- Seriolina nigrofasciata* (Ruppell, 1829) Blackbanded trevally
Depth: 35-100 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 14°31'-16°31' N 72°38'-73°24' E and 08°24' N 78°16' E.
- Trachinotus russellii* Cuvier, 1832 Largespotted dart
Depth: 23 m; Gear: Bottom trawl; Location: Bay of Bengal 20°20' N 87°00' E.
- CARCHARHINIDAE
- Carcharhinus dussumieri* (Valenciennes, in Muller & Henle, 1839) Whitecheek shark
Depth: 56 m; Gear: Bottom trawl; Location : Andaman Sea 14°14' N 93°26' E.
- Galeocerdo cuvieri* (Peron & Le Sueur, in Le Sueur, 1822) Tiger shark

Depth: 51 m; Gear: Bottom trawl; Location : Andaman Sea 07°40' N 93°51' E.

Scoliodon laticaudus Muller & Henle, 1838

Spadenose shark

Depth: 92 m; Gear: Bottom trawl; Location : Arabian Sea 20°25' N 69°30' E.

CENTROLOPHIDAE

Centrolophus maoricus Ogilby, 1893

Ruff

Depth: 1016 m; Gear: Pelagic trawl; Location : Andaman Sea 10°30' N 92°00' E.

Psenopsis cyanea (Alcock, 1890)

Indian ruff

Depth: 71-329 m; Gear: Bottom trawl; Location : Arabian Sea 08°42'-14°30' N 73°00'-76°11' E.

Psenopsis obscura Haedrich, 1967

Ruff

Depth: 235 m; Gear: Bottom trawl; Location : Arabian Sea 15°28' N 72°49' E.

CHAMPSODONTIDAE

Champsodon capensis Regan, 1908

Gaper

Depth: 1680-4280 m; Gear: Pelagic trawl; Location : Lakshadweep Sea.

CHAULIODONTIDAE

Chauliodus sloani Schneider, 1801

Viper fish

Depth: 2000-3689 m; Gear: Pelagic trawl; Location : Arabian Sea, Lakshadweep Sea and Andaman Sea.

CHIASMOTIDAE

Chiasmodon niger Johnson, 1863

Depth: 3538 m; Gear: Pelagic trawl; Location : Andaman Sea 09°00' N 88°00' E.

CHIMAERIDAE

Rhinochimaera atlantica Holt & Byrne, 1909

Longnose chimaera

Depth: 365-380 m; Gear: Bottom trawl; Location : Arabian Sea 09°00' N 75°50' E.

CHIROCENTRIDAE

Chirocentrus dorab (Forsskal, 1775)

Dorab wolf-herring

Depth: 38 m; Gear: Bottom trawl; Location : Bay of Bengal 20°30' N 87°22' E.

Chirocentrus nudus Swanson, 1839

Whitefin wolf-herring

Depth: 175 m; Gear : Bottom trawl; Location : Bay of Bengal 20°25' N 86°50' E.

CHLOROPHTHALMIDAE

Chlorophthalmus agassizi Bonaparte, 1840

Shortnose greeneye

Depth: 220-390 m; Gear: Bottom trawl; Location : Arabian Sea 14°28'-15°28' N 72°19'-73°19' E and 07°15'-09°00' N 75°50'-77°50' E.

Chlorophthalmus bicornis Norman, 1939

Spinyjaw greeneye

Depth: 260 m; Gear: Bottom trawl; Location : Arabian Sea 12°13' N 74°18' E.

Chlorophthalmus sp.

Depth: 320-380 m; Gear: Bottom trawl; Location : Arabian Sea 08°30'-09°00' N 75°50'-76°00' E.

CLUPEIDAE

- Amblygaster sirm* (Walbaum, 1792) **Spotted sardinella**
Depth: 203 m; Fishing depth: 39 m; Gear : Pelagic trawl; Location : Bay of Bengal
15°30' N 80°47' E.
- Dussumieria acuta* Valenciennes, 1847 **Rainbow sardine**
Depth: 1820 m; Fishing depth: 80 m; Gear: Pelagic trawl; Location : Bay of Bengal
19°30'N 87°50' E.
- Dussumieria* sp.
Depth: 56 m; Gear: Bottom trawl; Location : Arabian Sea 20°00' N 70°56' E.
- Hilsa kelee* Cuvier, 1829) **Kelee shad**
Depth: 56 m; Gear: Bottom trawl; Location : Andaman Sea 14°14' N 93°26' E.
- Hilsa* sp.
Depth: 52 m; Gear: Bottom trawl; Location : Bay of Bengal 19°40'N 88°15' E.
- Ilisha filigera* (Valenciennes, 1847) **Bigeye ilisha**
Depth: 51-175 m; Gear: Bottom trawl; Location : Bay of Bengal 19°30'-20°25'N 87°50'-88°50' E.

CYNOGLOSSIDAE

- Cynoglossus* sp.
Depth: 70 m; Gear: Bottom trawl; Location: Arabian Sea 08°30' N 76°40' E.

DACTYLOPTERIDAE

- Dactyloptena orientalis* (Cuvier, 1829) **Oriental flying gurnard**
Depth: 75m; Gear: Bottom trawl; Location : Arabian Sea 12°26' N 74°56' E.

DASYATIDAE

- Dasyatis* sp.
Depth: 50 m; Gear: Bottom trawl; Location : Arabian Sea 15°40' N 75°40'E.
- Himantura* sp.
Depth: 45 m; Gear: Bottom trawl; Location : Andaman Sea 12°30' N 92°30' E.
- Himantura uarnak* (Forsskal, 1775) **Honeycomb sting-ray**
Depth: 33 m; Gear: Bottom trawl; Location : Bay of Bengal

ECHENEIDAE

- Remora remora* (Linnaeus, 1758) **Remora**
Depth: 63 m; Gear: Bottom trawl; Location : Arabian Sea 11°40' N 74°56'E.

ENGRAULIDAE

- Stolephorus commersonii* Lacepede, 1803 **Commerson's anchovy**
Depth: 203 m; Fishing depth: 39 m; Gear: Pelagic trawl; Location : Bay of Bengal
15°30' N 80°47' E.

Stolephorus indicus (van Hasselt, 1823) Indian anchovy

Depth: 49 m; Gear: Bottom trawl; Location : Bay of Bengal 17°30'N 89°40' E.

Stolephorus waitei Jordan & Seale, 1926 Spotted anchovy

Depth: 40 m; Gear: Bottom trawl; Location : Bay of Bengal 17°30' N 84°40' E.

Stolephorus sp.

Depth: 40-56 m; Gear: Bottom trawl; Location : Bay of Bengal and Andaman Sea 17°30'N 84°40' E and 14°14' N 93°25' E.

Thryssa mystax (Schneider, 1801) Moustached thryssa

Depth 203 m; Fishing depth : 39 m; Gear: Pelagic trawl; Location : Bay of Bengal 15°30' N 80°47' E.

EXOCOETIDAE

Cheilopogon nigricans (Bennett, 1840) African flyingfish

Depth: 70 m; Gear: Bottom trawl; Location: Arabian Sea 18°58' N 72°00' E.

FISTULARIIDAE

Fistularia commersonii Ruppell, 1835 Bluespotted cornetfish

Depth: 54-328m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 09°00' N 75°50' E; 19°00'N 70°04' E and 19°00 N 84°50' E.

Fistularia petimba Lacepede, 1803 Red cornetfish

Depth: 100 m; Gear: Bottom trawl; Location : Arabian Sea 15°24' N 73°06' E.

GEMPYLIDAE

Gempylus serpen Cuvier, 1829 Snake mackerel

Depth: 1784-2250 m; Fishing depth: 50-150 m; Gear: Pelagic trawl; Location : Arabian Sea and Bay of Bengal 10°38'-14°55'N 72°00' - 74°00' E and 11°00' N 80°30' E.

Neopinnula orientalis (Gilchrist & von Bonde, 1924) Sack fish

Depth: 84-4276 m; Fishing depth: 20-420 m; Gear: Pelagic trawl; Location: Arabian Sea 07°00'-20°00' N 66°00'-77°00' E.

Rexea prometheoides (Bleeker, 1856) Royal escolar

Depth: 32-119 m; Gear: Bottom trawl; Location: Bay of Bengal and Andaman Sea 13°30'-20°30' N 80°00'-87°22' E and 12°30' N 90°32' E.

GERREIDAE

Pentaprion longimanus (Cantor, 1850) Longfin silverbiddy

Depth: 32-119 m; Gear: Bottom trawl; Location : Bay of Bengal and Andaman Sea 13° 30'-20° 30' N 80° 00'-87° 22' E and 12° 30' N 90° 32' E.

GONOSTOMATIDAE

Cyclothone sp.

Depth: 84 m; Gear: Bottom trawl; Location : Andaman Sea 08° 42' N 76° 16' E.

Diplophos taenia Gunther, 1873 Bristle mouth

Depth: 1960-3126 m; Fishing depth: 20-420 m; Gear: Pelagic trawl; Location: Arabian Sea and Equatorial Indian Ocean 10°00'-12°30' N 73°30'-76°00' E and 01°00'S 76°00'E.

- Photichthys argenteus* Hutton, 1872 Bristle mouth
Depth: 3126-3396 m; Fishing depth: 20-420 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 01°00'S - 01°00' N 76°00' - 80°00' E.
- Triplophos hemingi* (Mc Ardle, 1901) Bristle mouth
Depth: 1960 m; Fishing depth: 712 m; Gear: Pelagic trawl; Location : Arabian Sea 12°30'N 73°30' E.
- Vinciguerria lucetia* Garman, 1899 Bristle mouth
Depth: 1690- 3126 m; Fishing depth: 20-420 m; Gear: Pelagic trawl; Location: Lakshadweep Sea and Arabian Sea.
- Vinciguerria nimbaria* (Jordan & Williams, 1895) Bristle mouth
Depth : 1690-3815 m; Fishing depth: 20-420 m; Gear: Pelagic trawl; Location: Lakshadweep Sea and Andaman Sea.

HAEMULIDAE

- Diagramma pictum* (Thunberg, 1795) Painted sweetlips
Depth: 39-55 m; Gear: Bottom trawl; Location: Bay of Bengal 10°30'-13°30' N 80°10'-80°28' E.
- Plectorhinchus pictus* (Tortonese, 1935) Trout sweetlips
Depth: 45 m; Gear: Bottom trawl; Location : Andaman Sea 12°30' N 92°30' E.
- Plectorhinchus schotaf* (Forsskal, 1775) Minstrel sweetlip
Depth: 33 m; Gear: Bottom trawl; Location: Bay of Bengal.
- Plectorhinchus* sp.
Depth: 75 m; Gear: Bottom trawl; Location : Andaman Sea 13°43'N 93°16'E.
- Pomadasys argenteus* (Forsskal, 1775) Silver grunt
Depth: 43-90 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 17°00'-18°00' N 83°30'-88°00'E and 16°52' N 72°26' E.
- Pomadasys* sp.
Depth: 50 m; Gear: Bottom trawl; Location: Arabian Sea 15°40' N 73° 20' E.

HOLOCENTRIDAE

- Sargocentron caudimaculatum* (Ruppell, 1835) Silverspot squirrelfish
Depth: 84 m; Gear: Bottom trawl; Location: Arabian Sea 08°42' N 76°11'E.

IDIACANTHIDAE

- Idiacanthus atlanticus* Brauer, 1906 Sawtail fish
Depth: 3126-3396 m; Fishing depth: 40-420 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 01°00' S-01°00' N 76°00'-80°00'E.

KYPHOSIDAE

- Kyphosus* sp.
Depth: 1784-3444 m; Fishing depth: 40-300 m; Gear: Pelagic trawl; Location : Lakshadweep Sea and Andaman Sea 10°30'-11°34' N 73°00'-74°00' E 17°58'N 67°00' E.

LABRIDAE

Epibulus insidiator (Pallas, 1770)

Sling-jaw wrasse

Depth: 997-2837 m; Fishing depth: 25-100 m; Gear: Pelagic trawl; Location : Arabian Sea 05°00'-11°00'N 71°00'-77°30'E.

LACTARIIDAE

Lactarius lactarius (Bloch & Schneider, 1801)

False trevally

Depth: 50-92 m; Gear: Bottom trawl; Location : Arabian Sea 14°30'-20°25'N 69°30'-73°32' E.

LEIOGNATHIDAE

Gazza sp.

Depth: 203 m; Fishing depth: 39 m; Gear: Pelagic trawl; Location : Bay of Bengal 15°30' N 80°47' E.

Leiognathus bindus (Valenciennes, 1835)

Orange-fin ponyfish

Depth: 52-60 m; Gear: Bottom trawl; Location : Bay of Bengal 18°30'-21°00' N 84°23'-88°50' E.

Leiognathus equulus (Forsskal, 1775)

Common ponyfish

Depth: 58-68 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 16°31' N 82°22'E and 08°49' N 76°18' E.

Leiognathus fasciatus (Lacepede, 1803)

Striped ponyfish

Depth: 63 m; Gear: Bottom trawl; Location : Andaman Sea 13°30' N 92°45' E.

Leiognathus lineolatus (Valenciennes, 1835)

Ornate ponyfish

Depth: 30 m; Gear: Bottom trawl; Location : Bay of Bengal.

Leiognathus sp.

Depth: 51-119 m; Gear: Bottom trawl; Location : Andaman Sea and Bay of Bengal 06°40'-14°14' N 80°30'-93°51' E.

Leiognathus splendens (Cuvier, 1829)

Splendid ponyfish

Depth: 43 m; Gear: Bottom trawl; Location : Bay of Bengal 18°00'N 84°00' E.

Secutor ruconius (Hamilton-Buchanan, 1822)

Deep pugnose ponyfish

Depth: 51 m; Gear: Bottom trawl; Location : Bay of Bengal 19°40' N 88°15' E.

LETHRINIDAE

Gymnocranius robinsoni (Gilchrist & Thompson, 1908)

Blue-lined large-eye bream

Depth: 80 m; Gear: Bottom trawl; Location: Andaman Sea 08°13' N 93°40' E.

Gymnocranius sp.

Depth: 80 m; Gear: Bottom trawl; Location : Andaman Sea 12°30' N 90°32' E.

Lethrinus elongatus Valenciennes, 1830

Longface emperor

Depth: 80 m; Gear: Bottom trawl; Location : Andaman Sea 12°30' N 90°32' E.

Lethrinus mahsenoides Valenciennes, 1830

Saburbir emperor

Depth: 40m; Gear: Bottom trawl; Location : Bay of Bengal 11°39' N 79°54' E.

Lethrinus nebulosus (Forsskal, 1775)

Spangled emperor

Depth: 33 m; Gear: Bottom trawl; Location : Bay of Bengal.

Lethrinus rubrioperculatus Sato, 1978

Spotcheek emperor

Depth: 48 m; Gear: Bottom trawl; Location : Arabian Sea 11°29' N 74°30' E.

Lethrinus sp.

Depth: 35-82 m; Gear: Bottom trawl; Location : Arabian Sea, Bay of Bengal and Andaman Sea 08°24'-18°58' N 71°30'-78°16' E; 10°30'-13°30' N 80°10'-80°28'E and 06°40'-13°43' N 93°16'-93°52' E.

LOPHOTIDAE

Lophotus capellei (Temminck & Schlegel, 1845)

Crest fish

Depth: 2595 m; Fishing depth: 110 m; Gear: Pelagic trawl; Location: Arabian Sea 15°00' N 71°00' E.

LUTJANIDAE

Lutjanus argentimaculatus (Forsskal, 1775)

Mangrove red snapper

Depth: 40-250 m; Gear: Bottom trawl; Location : Arabian Sea 13°31'-17°00' N 72°55'-74°16' E.

Lutjanus johni (Bloch, 1792)

John's snapper

Depth: 48 m; Gear: Bottom trawl; Location : Arabian Sea 11°29' N 74°30' E.

Lutjanus lutjanus (Bloch, 1790)

Bigeye snapper

Depth :57 m; Gear: Bottom trawl; Location : Arabian Sea 07°47' N 77°14' E.

Lutjanus malabaricus (Bloch & Schneider, 1801)

Malabar blood snapper

Depth: 40-60 m; Gear: Bottom trawl; Location : Bay of Bengal 11°39'-13°55' N 79°54'-80°23' E.

Lutjanus rivulatus (Cuvier, 1828)

Blubberlip snapper

Depth: 65 m; Gear: Bottom trawl; Location : Arabian Sea 13°30' N 73°54' E.

Lutjanus sp.

Depth: 35-80 m; Gear: Bottom trawl; Location : Bay of Bengal and Andaman Sea 13°00'-18°58' N 71°30'-80°28' E and 06°40'-13°43' N 93°13'-93°51' E.

Pristipomoides sp.

Depth : 80 m; Gear: Bottom trawl; Location: Andaman Sea 08°13' N 93°40' E.

Pristipomoides types Bleeker, 1852

Sharptooth jobfish

Depth: 74 m; Gear: Bottom trawl; Location : Andaman Sea 13°43' N 93°16' E.

MACRORAMPHOSIDAE

Macroramphosus scolopax (Linnaeus, 1758)

Longspine snipe

Depth: 200 m; Gear: Bottom trawl; Location : Arabian Sea 07°15' N 77°00' E.

MACROURIDAE

Bathygadus sp.

Depth: 3815 m; Gear: Pelagic trawl; Location : Andaman Sea 07°00' N 85°00' E.

Coelorinchus fasciatus (Gunther, 1878)

Grenadier

Depth: 3734-3815 m; Fishing depth: 40-420 m; Gear: Pelagic trawl; Location: Andaman Sea 07°00' N 85°00'-87°00' E.

MALACOSTEIDAE

Malacosteus niger Ayres, 1848

Lose jaw

Depth: 3126-3396; Fishing depth: 20-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 01°00' N-01°00'S 76°00'-80°00' E.

MELANOSTOMIIDAE

Echiostoma barbatum Lowe, 1843

Scaleless dragonfish

Depth: 3396 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 01°00' N 80°00' E.

MENIDAE

Mene maculata (Bloch & Schneider, 1801)

Moonfish

Depth: 1998 m; Gear: Pelagic trawl; Location : Arabian Sea 14°00' N 72°30' E.

MOBULIDAE

Mobula diabolus (Shaw, 1804)

Devil ray

Depth: 120 m; Fishing depth: 53 m; Gear: Pelagic trawl; Location: Bay of Bengal 19°30' N 85°35' E.

MUGILIDAE

Mugil cephalus Linnaeus, 1758

Flathead mullet

Depth : 23 m; Gear: Bottom trawl; Location: Bay of Bengal 11°30' N 80°00' E.

MULLIDAE

Upeneus moluccensis (Bleeker, 1855)

Goldband goatfish

Depth: 50-70 m; Gear: Bottom trawl; Location : Bay of Bengal 18°30'-21°00'N 84°23'-88°50' E.

Upeneus sp.

Depth: 70 m; Gear: Bottom trawl; Location : Arabian Sea 09°30' N 73°00'E.

Upeneus sulphureus Cuvier, 1829

Sulphur goatfish

Depth: 50-70 m; Gear: Bottom trawl; Location : Bay of Bengal 18°30'-21°00' N 84°23'-88°50' E.

Upeneus vittatus (Forsskal, 1775)

Striped goatfish

Depth: 50-70 m; Gear: Bottom trawl; Location : Bay of Bengal and Andaman Sea 20°25' N 88°50' E and 14°30' N 92°00'E.

MURAENESOCIDAE

Congresox talabonoides (Bleeker, 1853)

Indian pike conger

Depth: 62-68 m; Gear: Bottom trawl; Location : Arabian Sea 13°04'-16°30'N 73°00'-74°14' E.

Muraenesox cinereus (Forsskal, 1775)

Daggertooth pike conger

Depth: 53 m; Gear: Bottom trawl; Location : Arabian Sea 13°33' N 73°24' E.

MYCTOPHIDAE

Bolinichthys sp.

Depth: 3166-3616 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 03°00' S-03°00' N 76°00'-86°00' E.

- Ceratoscopelus warmingii* (Lutken, 1892) Lantern fish
Depth: 3488 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 03°00'S- 03°00' N 76°00'-86°00' E.
- Diaphus effulgens* (Goode & Bean, 1896) Lantern fish
Depth: 2206-3684 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 03°00' S-03°00' N 76°00'-86°00' E.
- Diaphus perspicillatus* (Ogilby, 1898) Lantern fish
Depth: 3126 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 01°00'S 76°00'E.
- Diaphus* sp.
Depth: 3156 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 03°00'N 89°00' E.
- Diaphus splendidus* (Brauer, 1904) Lantern fish
Depth: 52 m; Gear: Bottom trawl; Location : Arabian Sea 13°33' N 73°24' E.
- Gymnoscopelus (Nasolychnus)* sp.
Depth: 2206-3722 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 03°00'S- 03°00'N 76°00'-86°00' E.
- Lampanyctus pusillus* (Johnson, 1890) Lantern fish
Depth: 3166-3616 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 02°00' S 80°00'-82°00' E.
- Lobianchia* sp.
Depth: 2206-3722 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 02°00' S -03°00' N 84°00'-86°00' E.
- Myctophum* sp.
Depth: 2206-3722 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Bay of Bengal and Arabian Sea.
- Myctophum spinosum* (Steindachner, 1867) Lantern fish
Depth: 2206-3616 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 02°00'S-02°00' N 76°00'-80°00' E.
- Symbolophorus evermanni* (Gilbert, 1905) Lantern fish
Depth: 2206-3684 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Equatorial Indian Ocean 03°00' S-02°00'N 76°00'-78°00' E.
- Symbolophorus* sp.
Depth: 3126-3166 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 02°00'S-03°00' N 76°00'-84°00' E.
- Triphoturus nigrescens* (Brauer, 1904) Lantern fish
Depth: 3156-3488 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 02°00' S-01°00' N 84°30'-86°00' E.

MYLIOBATIDAE

Aetobatus narinari (Euphrasen, 1790)

Spotted eagleray

Depth: 42 m; Gear: Bottom trawl; Location : Arabian Sea 07°51' N 77°56' E.

Myliobatis aquila (Linnaeus, 1758)

Eagleray

Depth: 23 m; Gear: Bottom trawl; Location: Bay of Bengal 20°20'N 87°00' E.

Rhinoptera javanica Muller & Henle, 1841

Flapnose ray

Depth: 42 m; Gear: Bottom trawl; Location : Arabian Sea 07°51' N 77°56' E.

NEMICHTHYIDAE

Nemichthys scolopaceus Richardson, 1848

Snipe eel

Depth: 1716-2767 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Arabian Sea and Lakshadweep Sea.

Nemichthys sp.

Depth: 1638-3058 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location : Arabian Sea and Lakshadweep Sea.

NEMIPTERIDAE

Nemipterus bleekeri (Day, 1875)

Delagoa threadfin bream

Depth: 25-64 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 11°30' N 75°00' E and 13°30' N 73°30' E.

Nemipterus japonicus (Bloch, 1791)

Japanese threadfin bream

Depth: 57-128 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 07°20'-23°30' N 69°30'-77°26' E and 12°41'-13°55' N 80°23'-80°72' E.

Nemipterus mesoprion (Bleeker, 1853)

Redfilament threadfin bream

Depth: 57-141 m; Gear: Bottom trawl; Location: Arabian Sea 07°47'-22°00'N 68°30'-74°56' E.

Nemipterus metopias (Bleeker, 1852)

Slender threadfin bream

Depth: 64-134 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 11°30' N 75°00' E and 17°00' N 82°33' E.

Nemipterus sp.

Depth: 40-156 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal.

NOMEIDAE

Cubiceps capensis (Smith, 1849)

Cape fat - head

Depth: 2608-3624 m; Fishing depth: 20-150 m; Gear: Pelagic trawl; Location : Arabian Sea and Bay of Bengal 10°30' N 81°74' E; 05°59' N 77°29' E and 17°01' N 70°58' E.

Cubiceps pauciradiatus Gunther, 1872

Longfin fat - head

Depth: 673-3719 m; Fishing depth: 20-285 m; Gear: Pelagic trawl; Location: Arabian Sea and Bay of Bengal 12°00'-19°00'N 68°25'-74°19'E and 19°30' N 86°40'-88°05' E.

Psenes cyanophrys Cuvier & Valenciennes, 1833

Frecked driftfish

Depth: 1568-2715 m; Fishing depth: 20-160 m; Gear: Pelagic trawl; Location : Arabian Sea 07°30'-12°00'N 70°00'-75°30' E.

Psenes sp.

Depth: 45-3719 m; Fishing depth: 20-60 m; Gear: Bottom trawl and Pelagic trawl; Location : Arabian Sea, Bay of Bengal and Equatorial Indian Ocean 14°00'-19°20' N 69°00'-73°30' E 17°30'-19°30' N 83°40'-88°05' E and 02°00' S 80°00'E.

Psenes squamiceps* Lloyd, 1909*Indian driftfish**

Depth: 1050-3684 m; Fishing depth: 40-300 m; Gear: Pelagic trawl (Bottom trawl at 07°15' N 77°50' E at a depth of 200 m); Location : Arabian Sea, Bay of Bengal and Equatorial Indian Ocean 14°00'-19°20' N 69°00'-73°30' E; 17°30'-19°30' N 83°40'-88°05' E and 02°00' S 80°00' E.

OPHIDIIDAE***Monomitopus conjugator* Alcock, 1896****Cusk eel**

Depth: 250 m; Gear: Bottom trawl; Location: Arabian Sea 13°33' N 73°24' E.

OSTRACIIDAE***Ostracion* sp.**

Depth : 1016 m ; Fishing depth : 40-400 m ; Gear : Pelagic trawl; Location : Andaman Sea 10°30' N 92°00' E.

PARALEPIDIDAE***Lestidiops* sp.**

Depth : 3815 m; Fishing depth : 40 - 400 m; Gear: Pelagic trawl; Location : Andaman Sea 07° 00' N 85°00' E.

***Paralepis* sp.**

Depth: 2632-3825 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Bay of Bengal 07°00' - 13°13' N 83°00'-91°00' E.

PERCOPHIDAE***Bembrops platyrhynchus* (Alcock, 1893)****Duckbill**

Depth : 221 m; Gear : Bottom trawl; Location : Arabian Sea 07°50' N 77°50' E.

PERISTEDIIDAE***Peristedion weberi* Smith, 1934****Armoured gurnard**

Depth: 80m; Gear: Bottom trawl; Location: Arabian Sea 08°47' N 76°11' E.

PLATACIDAE***Platax* sp.**

Depth: 75m; Gear: Bottom trawl; Location: Arabian Sea 21°00' N 69°22' E.

PLATYCEPHALIDAE***Grammolites suppositus* (Troschel, 1840)****Spotfin flat-head**

Depth: 125 m; Gear: Bottom trawl; Location: Arabian Sea 12°20' N 74°12' E.

Platycephalus indicus* (Linnaeus, 1758)*Bartail flat-head**

Depth: 50-80 m; Gear : Bottom trawl; Location: Arabian Sea 15°40'-21°00' N 69°22'-73°20' E.

POLYNEMIDAE***Polynemus sextarius* Schneider, 1801****Blackspot threadfin**

Depth: 51 m; Gear: Bottom trawl; Location: Bay of Bengal 19°30' N 85°40' E.

***Polynemus* sp.**

Depth: 51-82 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 19°00'-20°00' N 70°51'-70°56' E and 19°00' N 84°50' E.

POMACENTRIDAE

Pomacentrus sp.

Depth : 2250 m; Fishing depth : 20-250 m; Gear: Pelagic trawl; Location : Arabian Sea 10°30'N 74°00'E.

PRIACANTHIDAE

Priacanthus hamrur (Forsskal, 1775)

Moontail bullseye

Depth: 51-250 m; Gear : Bottom trawl; Location: Arabian Sea 07°47'-23°30' N 67°00'-76°00' E.
(Occurred in the pelagic trawl at a depth of 1443 m (Fishing depth of 20 m) at 19°30' N 86°40' E).

Priacanthus sp.

Depth: 22-3719 m; Fishing depth: Bottom trawl 22-262 m; Pelagic trawl 60-300 m; Location: Arabian Sea, Bay of Bengal and Andaman Sea 07°30'-22°53' N 64°00'-88°57' E 08°13'-20°57' N 90°30'-94°29' E.

Priacanthus tayenus Richardson, 1846

Purple-spotted big eye

Depth: 87-729 m; Gear: Bottom trawl and Pelagic trawl; Fishing depth: Bottom trawl 79-90 m; Pelagic trawl 20 m. Location : Arabian Sea and Bay of Bengal 17°33'-19°30' N 69°58'-71°15' E and 20°00'N 85°50' E.

PSETTODIDAE

Psettodes erumei (Schneider, 1801)

Indian spiny turbot

Depth: 40-75 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal.

RACHYCENTRIDAE

Rachycentron canadum (Linnaeus, 1766)

Cobia

Depth: 42-102 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 07°51'-20°25' N 69°30'-77°56' E and 12°40' N 80°29' E.

RHINOBATIDAE

Rhinobatos annulatus Smith, 1841

Lesser guitarfish

Depth: 45 m; Gear: Bottom trawl; Location: Andaman Sea 12°30' N 91°30' E.

Rhinobatos sp.

Depth: 35 m; Gear: Bottom trawl; Location: Andaman Sea 13°30' N 94°10' E.

SCIAENIDAE

Atrubucca nibe Jordan & Thompson, 1911

Longfin kob

Depth: 51 m; Gear: Bottom trawl; Location: Bay of Bengal 19°40' N 88°15' E.

Johnieops vogleri (Bleeker, 1853)

Sharptooth hammer croaker

Depth: 30-60 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 19°40' N 88°15' E and 08°04' N 74°06' E.

Otolithes cuvieri Trewavas, 1974

Lessertigertooth croaker

Depth: 104 m; Gear: Bottom trawl; Location: Arabian Sea 22°53' N 67°00' E.

Otolithes ruber (Schneider, 1801)

Tigertooth croaker

Depth: 88 m; Gear: Bottom trawl; Location: Bay of Bengal 20°57' N 90°30' E.

Pennahia macrophthalmus (Bleeker, 1850) **Bigeye croaker**
Depth: 362 m; Gear: Bottom trawl; Location: Arabian Sea 08°00' N 75°00' E.

Protonibea diacanthus (Lacepede, 1802) **Spotted croaker**
Depth: 62-362 m; Gear: Bottom trawl; Location: Arabian Sea 08°00'-17°00' N 72°55'-75°00' E.

SCOMBRIDAE

Acanthocybium solandri (Cuvier, 1831) **Wahoo**
Depth: 4525m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Arabian Sea 09°59' N 70°00' E.

Auxis rochei (Risso, 1810) **Bullet tuna**
Depth: 74-102 m; Gear: Bottom trawl; Location: Arabian Sea and Andaman Sea 13°31' N 73°38' E and 09°00' N 92°00' E.

Auxis thazard (Lacepede, 1800) **Frigate tuna**
Depth: 60-93 m; Gear: Bottom trawl; Location: Bay of Bengal and Arabian Sea 09°00' N 73°38' E and 19°00' N 67°00' E.

Katsuwonus pelamis (Linnaeus, 1758) **Skipjack tuna**
Depth: 3256-3719 m; Fishing depth: 60-300 m; Gear: Pelagic trawl; Location: Arabian Sea 16°00'-19°00' N 68°30'-70°30' E.

Rastrelliger kanagurta (Cuvier, 1817) **Indian mackerel**
Depth: 23-100 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 07°51'-19°30' N 72°31'-87°50' E.

Sarda orientalis (Temminck & Schlegel, 1844) **Striped bonito**
Depth: 104 m; Gear: Bottom trawl; Location: Arabian Sea 16°30' N 72°21' E.

Scomberomorus commerson (Lacepede, 1800) **Narrow-barred Spanish mackerel**
Depth: 64 m; Gear: Bottom trawl; Location: Arabian Sea 11°40' N 74°56' E.

Scomberomorus guttatus (Bloch & Schneider, 1801) **Indo-Pacific king mackerel**
Depth: 39-92 m; Gear: Bottom trawl; Location: Bay of Bengal and Arabian Sea 13°30'-14°30' N 80°00'-82°31' E and 20°25' N 69°30' E.

Scomberomorus sp.
Depth: 30-53 m; Gear: Bottom trawl; Location: Bay of Bengal 14°30'-18°30' N 80°12'-84°28' E.

SCORPAENIDAE

Scorpaena sp.
Depth: 85-95 m; Gear: Bottom trawl; Location: Arabian Sea 07°30' N 77°30' E.

SERRANIDAE

Epinephelus caeruleopunctatus (Bloch, 1790) **White-spotted grouper**
Depth: 3443 m; Fishing depth: 50 m; Gear: Pelagic trawl; Location: Arabian Sea 18°00' N 68°30' E.

Epinephelus chlorostigma (Valenciennes, 1828) **Brown-spotted grouper**

- Depth: 79 m; Gear: Bottom trawl; Location: Arabian Sea 18°30' N 17°26' E.
Epinephelus diacanthus (Valenciennes, 1828) **Thorny cheek grouper**
 Depth: 60-127 m; Gear: Bottom trawl; Location: Arabian Sea 11°00'-22°00' N 68°30'-75°19' E.
Epinephelus malabaricus (Schneider, 1801) **Malabar grouper**
 Depth: 82-93 m; Gear: Bottom trawl; Location: Arabian Sea 18°58'-19°00' N 70°30'-71°30' E.
Epinephelus morrhua (Valenciennes, 1833) **Comet grouper**
 Depth: 33m; Gear: Bottom trawl; Location : Bay of Bengal 08°48' N 78°23' E.
Epinephelus sp.
 Depth: 23-140 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 08°24'-18°58' N 71°40'-93°16' E.
Epinephelus stoliczkae (Day, 1875) **Epaulet grouper**
 Depth: 23 m; Gear: Bottom trawl; Location: Bay of Bengal 10°30' N 80°00' E.
Epinephelus tauvina (Forsskal, 1775) **Greasy grouper**
 Depth: 33m; Gear: Bottom trawl; Location : Bay of Bengal 08°48' N 78°23' E.
- SPARIDAE**
- Argyrops filamentosus* (Valenciennes, 1830) **Soldier bream**
 Depth: 75 m; Gear: Bottom trawl; Location: Bay of Bengal 15°00' N 83°00' E.
Argyrops spinifer (Forsskal, 1775) **King soldier bream**
 Depth: 47 m; Gear: Bottom trawl; Location: Bay of Bengal 06°40' N 93°51' E.
Rhabdosargus sarba (Forsskal, 1775) **Goldlined seabream**
 Depth: 60m; Gear: Bottom trawl; Location: Bay of Bengal 13°55' N 80°23' E.
- SPHYRAENIDAE**
- Sphyraena barracuda* (Walbaum, 1772) **Great barracuda**
 Depth: 42-100 m; Gear: Bottom trawl; Location: Arabian Sea 07°51'-15°24' N 73°06'-77°56' E.
Sphyraena obtusata Cuvier, 1829 **Obtuse barracuda**
 Depth: 70 m; Gear: Bottom trawl; Location: Bay of Bengal 19°30' N 88°50' E.
Sphyraena sp.
 Depth: 23-80 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 10°30'-20°00' N 70°00'-80°50' E.
- STERNOPTYCHIDAE**
- Argyropelecus hemigymnus* Cocco, 1829 **Marine hatchetfish**
 Depth: 3202 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Bay of Bengal 12°58' N 86°00' E.
Polyipnus polli Schultz, 1961 **Marine hatchet fish**
 Depth: 3156-3488 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Equatorial Indian Ocean 02°00' S-03°00' N 84°00'-86°00' E.

STOMIIDAE

Stomias boaboa (Risso, 1810) Scaly dragonfish
Depth: 1645-2830 m; Fishing depth: 25-100 m; Gear: Pelagic trawl; Location: Arabian Sea 05°00'-11°00' N 71°00'-77°30' E.

Stomias nebulosus Alcock, 1889 Scaly dragonfish
Depth: 1195-4341 m; Fishing depth: 35-150 m; Gear: Pelagic trawl; Location: Arabian Sea 11°25'-16°30' N 69°00'-74°50' E.

STROMATEIDAE

Pampus argenteus (Euphrasen, 1788) Silver pomfret
Depth: 33-51 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 19°40' N 88°15' E 08°00' N 75°00' E.

SYNODONTIDAE

Saurida gracilis (Quoy & Gaimard, 1824) Gracile lizardfish
Depth: 60 m; Gear: Bottom trawl; Location: Arabian Sea 08°04' N 74°06' E.

Saurida longimanus Norman, 1939 Longfin lizardfish
Depth: 70 m; Gear: Bottom trawl; Location: Bay of Bengal 19°30' N 88°50' E.

Saurida nebulosa Valenciennes In Cuvier & Valenciennes, 1849 Clouded lizardfish
Depth: 32-125 m; Gear: Bottom trawl; Location : Arabian Sea and Bay of Bengal 08°29'-21°00'N 69°22'-94°29' E.

Saurida tumbil Bloch, 1795 Greater lizardfish
Depth: 33-235m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 07°20'-23°30' N 69°22'-85°00'E.

Saurida undosquamis (Richardson, 1848) Brushtooth lizardfish
Depth: 33-235; Gear : Bottom trawl; Location : Arabian Sea and Bay of Bengal 07°47'-19°30' N 72°49'-87°50' E.

Synodus sp.
Depth: 2632-3826 m; Fishing depth : 100-400 m; Gear: Pelagic trawl; Location: Bay of Bengal 07°00'-13°30' N 83°00'-91°00' E.

Trachinocephalus myops (Forster, 1801) Bluntnose lizardfish
Depth: 47-87; Gear: Bottom trawl; Location: Bay of Bengal 06°40'-13°30' N 93°05'-93°51' E.

TACHYSURIDAE

Tachysurus sp.
Depth: 33-81 m; Gear: Bottom trawl; Location: Arabian Sea 07°51'-17°57' N 72°14'-77°56' E.

Tachysurus tenuispinis Day, 1877 Thinspine sea catfish
Depth: 49 m; Gear: Bottom trawl; Location: Arabian Sea 10°00' N 75°50' E.

Tachysurus thalassinus (Ruppell, 1837) Giant catfish

Depth: 33-101 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 08°00'-14°30' N 73°24'-75°50' E and 19°32'-20°50' N 87°42'-89°15' E.

TERAPONIDAE

Terapon sp.

Depth: 41 m; Gear: Bottom trawl; Location: Bay of Bengal 14°00' N 80°20' E.

Terapon theraps (Cuvier, 1829)

Largescaled terapon

Depth: 29 m; Gear: Bottom trawl; Location: Bay of Bengal.

TETRAODONTIDAE

Arothron stellatus (Bloch & Schneider, 1844)

Star blassop

Depth: 33 m; Gear: Bottom trawl; Location: Bay of Bengal 08°48' N 78°23' E.

Lagocephalus spadiceus Richardson, 1844

Pufferfish

Depth: 1645-2837 m; Fishing depth: 25-100 m; Gear: Pelagic trawl; Location: Arabian Sea 05°00'-11°00'N 71°00'-77°30' E.

TRIANCANTHODIDAE

Triacanthus biaculeatus (Bloch, 1786)

Shortnosed tripodfish

Depth: 595 m; Fishing depth : 230-400 m; Gear : Pelagic trawl; Location : Arabian Sea 13°00'-14°21' N 73°09'-73°43' E.

Triacanthodes sp.

Depth: 2025 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Arabian Sea 10°00' N 73°38' E.

TRACHIPTERIDAE

Trachipterus sp.

Depth: 2379-3577 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Arabian Sea and Andaman Sea 10°00' N 73°25' E and 09°00' N 87°00' E.

Trachipterus woodi Smith, 1953

Polkot ribbonfish

Depth: 1645-2837 m; Fishing depth: 25-100 m; Gear: Pelagic trawl; Location: Arabian Sea 05°00'-11°00'N 71°00'-77°30' E.

TRICHIURIDAE

Benthodesmus sp.

Depth: 2983-3826 m; Fishing depth: 40-400 m; Gear: Pelagic trawl; Location: Bay of Bengal 07°00'-13°30' N 83°00'-91°00' E.

Lepidopus caudatus (Euphrasen, 1788)

Butter snoeck

Depth: 1568-4276 m; Fishing depth: 100-400 m; Gear: Pelagic trawl; Location: Arabian Sea 08°00'-17°00'N 70°00'-75°00' E.

Trichiurus auriga Klunzinger, 1884

Pearly hairtail

Depth: 110 m; Fishing depth: 70 m; Gear: Pelagic trawl; Location: Bay of Bengal 17°00'N 82°50' E.

Trichiurus gangeticus Gupta, 1966

Ganges hairtail

Depth: 52 m; Gear: Bottom trawl; Location: Bay of Bengal 19°40' N 88°15' E.

Trichiurus lepturus Linnaeus, 1758

Largehead hairtail

Depth: 33-104 m; Gear: Bottom trawl; Location: Arabian Sea and Bay of Bengal 08°00'-20°25' N 69°30'-75°00' E and 19°40' N 88°15' E.

TRIGLIDAE

Lapidotrigla riggsi Richards & Saksena, 1977

Rigg's gurnard

Depth: 127 m; Gear: Bottom trawl; Location: Arabian Sea 12°20' N 74°12' E.

Pterygotrigla hemisticta (Temminck & Schlegel, 1842)

Blackspotted gurnard

Depth: 127 m; Gear: Bottom trawl; Location: Arabian Sea 11°29' N 74°30' E.

URANOSCOPIDAE

Uranoscopus sp.

Depth: 127 m; Gear: Bottom trawl; Location: Arabian Sea 12°20' N 74°12' E.

ACKNOWLEDGEMENT

The authors are grateful to Shri V.N. Bande, former Head, Demersal Fisheries Division, C.M.F.R. Institute, Dr. N. Gopinatha Menon and Dr. K. C. George for their kind encouragement and generous suggestions. The authors wish to express their sincere thanks to Shri K.M. Venugopalan and Miss P.K. Seetha for their kind help.

REFERENCES

COHEN, D.M. 1973. Zoogeography of the fishes of the Indian

Ocean, In: *The Biology of the Indian Ocean*, Zeitzschel (Ed.), pp 451-463.

FISCHER, W. AND G. BIANCHI 1984. FAO species identification sheets for fishery purposes. Western Indian Ocean; (Fishing Area 51). Vols 1-6.

MYERS 1941*. The fish fauna of the Pacific Ocean, with special reference to zoogeographical regions and distribution as they affect the international aspects of fisheries. *Proc. Pac. Sci. Cong.*, 3: 201-210.

SMITH, M.M. AND P.C. HEEMSTRA 1986. *Smith's Sea Fishes*. Springer-Verlag, 1047 pp.

* Not referred in original.